

The Global Newspaper Edited and Published in Paris

INTERNATIONAL Herald Tribune

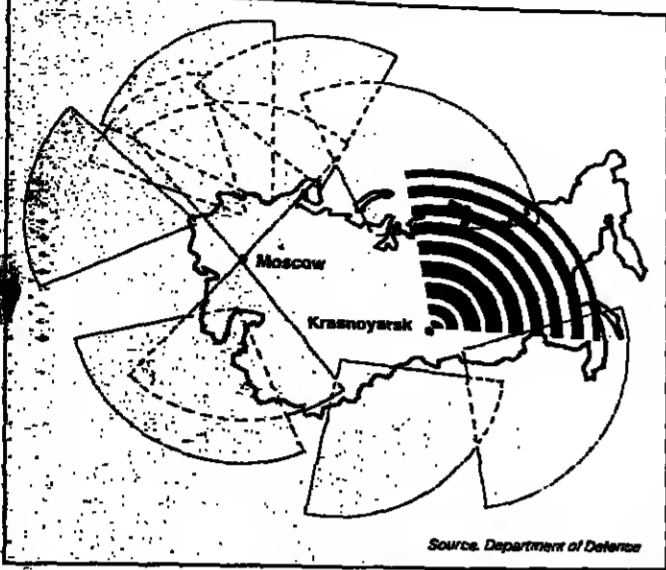
Published With The New York Times and The Washington Post

No. 32,598 51/87

PARIS, TUESDAY, DECEMBER 15, 1987

ESTABLISHED 1887

Gorbachev Still Sees SDI Gap Soviet Leader's TV Report Hints at Doubts on U.S. Stance



Unlike other Soviet radar systems shown on this map, the radar being built near Krasnoyarsk is far from any borders, and does not point outward as the ABM Treaty requires.

U.S. Says ABM Extension Depends on Soviet Radar

WASHINGTON — The United States is demanding that the giant Soviet early-warning radar being constructed near Krasnoyarsk in central Siberia be modified or torn down before any new understanding is reached on the 1972 anti-ballistic missile treaty, according to American sources.

By Gary Lee Washington Post Service MOSCOW — Mikhail S. Gorbachev indicated Monday that important differences remained between him and President Ronald Reagan over the Strategic Defense Initiative following their meeting in Washington last week.

President Reagan reaffirmed the U.S. commitment to its NATO allies. Page 6.

with Mr. Reagan, Mr. Gorbachev called on both sides to maintain the "new atmosphere" in U.S.-Soviet relations resulting from the summit talks and urged the U.S. Senate to ratify the treaty in eliminate intermediate-range nuclear forces that was signed in Washington last Tuesday.



Israeli soldiers detained a Palestinian in the Gaza town of Khan Yunis on Monday. Witnesses said the man was later found unconscious in an alley. Two Palestinians also died on the sixth straight day of violent demonstrations in the territory. Page 2.

OPEC Reaches New Pact

Accord Excludes Iraq, Upholds Price of \$18

VIENNA — All the OPEC states except Iraq agreed late Monday to maintain their crude oil price at \$18 a barrel for the first half of next year and to limit output to 15.06 million barrels a day to defend it, delegates to the talks said.

Korea Reporters Protest Vote Coverage

By Fred Hiatt Washington Post Service SEOUL — More than 30 reporters employed by the South Korean government-owned television network held a sit-in Monday to protest against what they called biased news coverage of the presidential election.

and fraudulent campaign on behalf of its candidate, Roh Tae Woo.

Opposition candidates have warned that a popular uprising may erupt if Mr. Roh is declared the winner after Wednesday's election.

wid spread ballot tampering helped dethrone former President Ferdinand E. Marcos. Unlike during the Philippine election, however, no U.S. senators or members of Congress have arrived to watch the vote.

In a television interview Sunday, Mr. Reagan's national security adviser, Lieutenant General Colin Powell, said, "Our position is that Krasnoyarsk must come down."

Bomb Suspect Flown to Seoul

MANAMA, Bahrain (UPI) — A woman suspected of helping to blow up a Korean Air jet with 115 people aboard was being flown from Bahrain to Seoul on Monday, witnesses said.

Panamaman Seeks Soviets As New Ally

WASHINGTON — With his support among U.S. officials eroded, General Manuel Antonio Noriega, Panama's military leader, has begun more openly courting the Soviet Union, the Salvadoran guerrillas and others hostile to the United States, according to Reagan administration officials and a Nicaraguan defector.

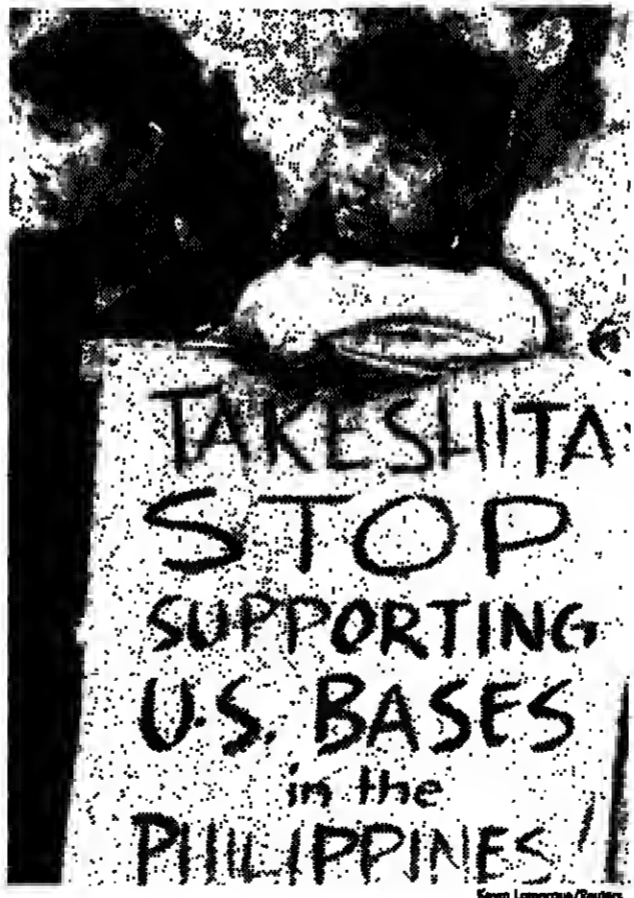
Major Alain Mafart, convicted in the bombing of the Rainbow Warrior, has been flown to Paris from exile. Page 2.

Protests Mark ASEAN Summit Meeting in Manila

While President Corason C. Aquino of the Philippines welcomed ASEAN leaders to their first summit meeting since 1977, about 1,500 protesters marched in Manila on Monday to proclaim opposition to U.S. bases and to alleged U.S.-Japanese domination of Southeast Asia.

With Cow in Its Zoo, Dublin Prepares for Millennium

The new year will mark 10 centuries, by the publicists' reckoning, since the city finally fell into certifiable Irish hands, warrior king hands that wrested it from the long dominance of roving Viking occupiers in 988.



Protests Mark ASEAN Summit Meeting in Manila

The End of the Second Jazz Age

Youth and Wealth Were Idols of '80s Investment Craze

By William Gladstone New York Times Service NEW YORK — When the closing bell rang on Oct. 19, at the end of the worst day in the history of the New York Stock Exchange, a characteristically American craze came to an end.

It was a time when 29-year-olds were earning six-figure salaries on Wall Street. Multibillion-dollar companies were bought and sold like used cars. Everybody was "doing deals." And stocks seemed to go only up.

It will be seen as the end of a period of good, wild times and a return to reality.

New radars "see" farther. Sophisticated tools aid restorers in an Egyptian tomb. In Technology Quarterly. Pages 1-12.

Dublin Be Proud, advises the centennial book of Pat Liddy, a gifted artist who sketches and appraises, often mournfully, each corner of the city.











# Technology Quarterly

Issue No. 3

## DEPARTMENTS

### Workplace 8

Fiat's Ternoli engine plant was a technological breakthrough when it opened in 1985. Next month, the company will take innovation a step further with startup of a fully robotized body and final assembly plant.

### Computers 8

After Wall Street's "Black Monday," instant analysts seeking a scapegoat were quick to point to computers. But behind the machines, there is man.

### Developments 9

The world's first fusion reactor moves closer to reality with a multi-nation, East-West agreement to join forces — and resources — on an experimental design.

### Business 10

Air express companies are in the midst of a technological revolution as they race to get your packages from there to here, faster and more reliably. Meanwhile, European and Japanese companies are pushing ahead with development of cinema quality, high-definition television.

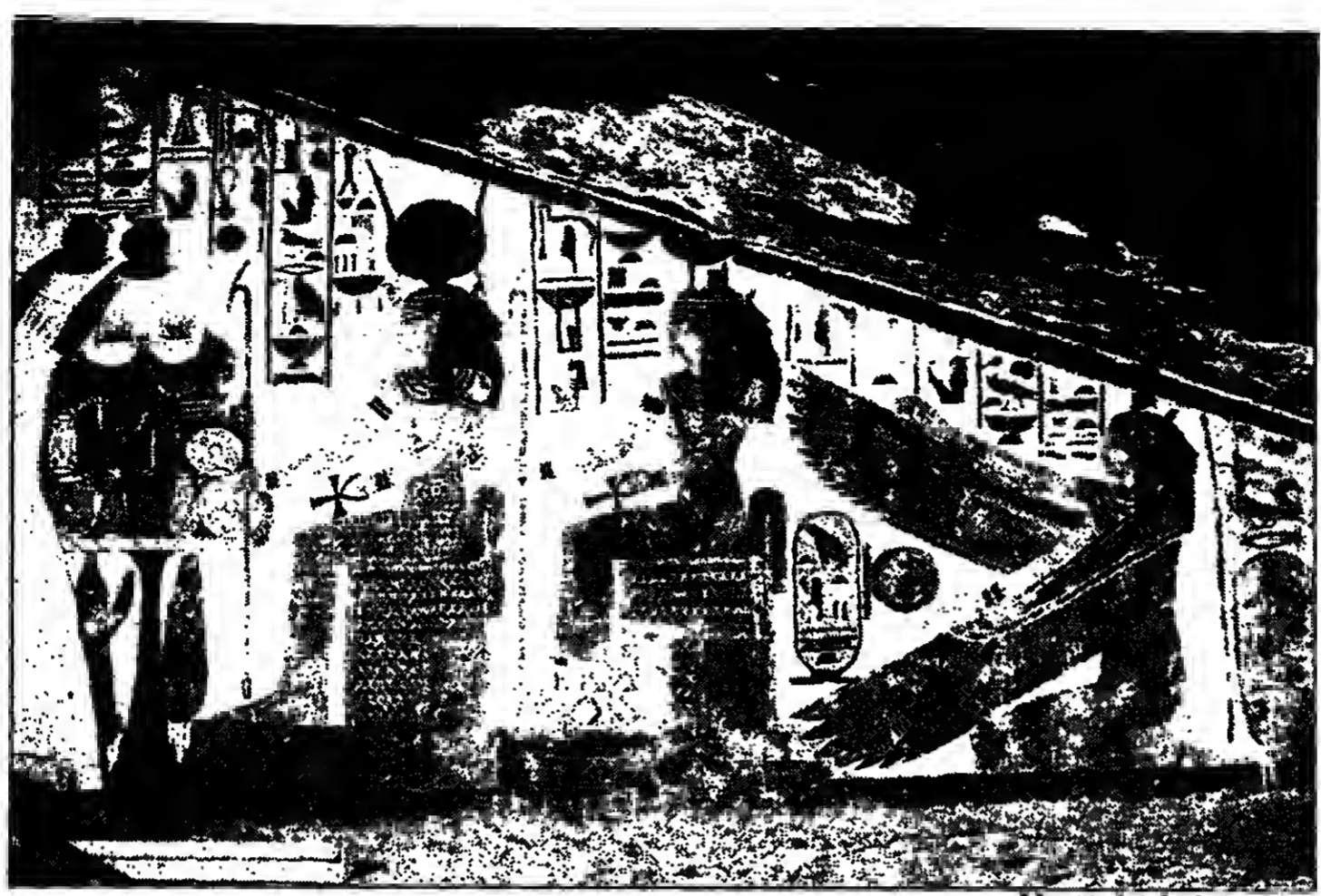
### Research 11

Two Japanese companies have developed a wafer-thin battery that could be used in "smart" cards. The Pentagon is backing research in gallium arsenide integrated chips. In Notebook.



### Next Issue

Some countries fare better at fostering the research environment that will result in tomorrow's technological breakthroughs. Is there more to their success than cold, hard cash? These and other issues on March 16, in Technology Quarterly.



Damaged wall paintings in the Luxor tomb are being studied with X-ray diffractors and electron microscopes.

## Man, Machines Restore a Measure Of Life in the Tomb of Nefertari

By Souren Melikian

LUXOR, Egypt — In a few years, if all goes according to plan, the first visitors other than archaeologists, scientists and restorers will walk down into the funerary chambers that were dug out, some time after 1255 B.C., on a hillside at Luxor, in Upper Egypt. The embalmed body of Queen Nefertari, "Great Royal Wife, Lady of the Two Lands, Appearing to the Gods, the Beautiful-Faced One..." was deposited there. But it had long vanished when Italian archaeologists opened the tomb in 1904.

Few tourists will suspect that without modern technology they might not have been able to set eyes on the mural paintings celebrating the main wife of Ramses II. They will gaze at brightly painted scenes in a miraculous state of preservation, which for the greater part have come down to us with their outline and color scheme unchanged over 3,250 years or so, during which they survived—at least

### New tools offer unprecedented information.

one break-in, in ancient times, possibly about the Roman period. More importantly, they have survived substantial damage since the tomb was discovered by Ernesto Schiaparelli. The causes of the damage have varied from kicks by passing visitors, dusting bits of plaster, to clumsy "restoration" work, including crude overpainting. Recent changes of climate in the Luxor area noted by a Canadian team from Toronto University, which investigated the tomb from 1977 to 1981, have also worried scientists. Above all, a slow but ominous transformation of the painted surface appeared to be under way. Years were wasted. During this time, amateur

ish reports were made, and, to quote two Egyptian officials, "scientifically motivated surveys and exploratory missions... produced only general memoranda." It is probably no exaggeration to say that the intervention of the Getty Conservation Institute turned the tables and rescued one of the most precious heirlooms of the Ancient World.

Two key men made this possible: Ahmed Kadry, who was appointed director-general of the Egyptian Antiquities Organization in 1977, and Luis Monreal, who became the director of the Getty Conservation Institute in 1985.

Mr. Kadry was first made aware of the urgency of the problem by the Cairo University Report published in July 1980, which discussed, among other problems, the infiltrations of salt-laden rainwater. Three Canadian reports, particularly "Chemistry and Physics in the Tomb of Nefertari" and "The Internal Climate of Nefertari," deepened his anxiety in the face of a lack of funds and the inertia of international organizations.

It is at this juncture that Mr. Monreal appeared. A trained archaeologist and art historian, who was secretary-general of the International Council of Museums (ICOM) from 1974 to 1985.

Continued on page 11

## New Radar Systems Peer Farther, Hide Their 'Signatures'

The USS Stark incident showed dependency on radar sensors and their deficiencies.

By John A. Adam

WASHINGTON — Radar sensors on the AWACS sentry aircraft flying oval patterns over the Gulf last May 17 detected an unknown aircraft around 7:55 P.M. The crew designated the blip "Track 2202" and alerted U.S. ships in the area through the Navy Tactical Data System. There was no immediate cause for alarm.

As the aircraft headed farther south, AWACS updates on Track 2202 became more frequent, and radars and other electronic apparatus on ships confirmed the blip to be a single Iraqi F-1 Mirage fighter flying about 3,000 feet (914 meters) above the water.

Around 9 P.M., the lone Iraqi pilot switched on his Cyrano IV fire-control radar to search for targets abetting Iran. Crewmen of the USS Stark, hunched over luminescent screens in the darkened combat information center, picked up the emissions and realized that the fighter was within striking distance.

The rest is known all too well. Through a series of blunders, the Stark failed to ward off two radar-guided Exocet missiles fired by the Iraqi plane. Remarkably, the launchings of the missiles apparently went undetected by the ship's various radar operators.

The navy's report on the incident was released in October. The version sanitized for the public masks out all sections involving the performance of the Stark's radars, leading some readers to conclude that human error was entirely to blame. But reading between the lines makes it apparent that glitches in the ship's radars and electronics may have contributed to the disaster, as the Stark's former captain, Glenn R. Brindell, contends. "The missile 'wasn't seen on any of

the ship's radars," Captain Brindell says. "If the sensors would have divulged the things they should have, then I'm sure my TAO [tactical action officer] would have taken additional measures."

The Stark controversy not only shows how dependent ships, aircraft and missiles are on radar sensors but also points to deficiencies in some of today's systems. Most search radars like those on the Stark, which belongs to the navy's newest class of frigate, rely on mechanically steered antennas that re-scan an area every few seconds, a relatively long time in many hostile situations.

The slow scan-time problem is exacerbated when radar is called upon, to do more chores, from navigation to tracking of hostile and friendly forces to directing missiles to their targets. Is the stalwart sensor, relied on since World War II, still up to the job?

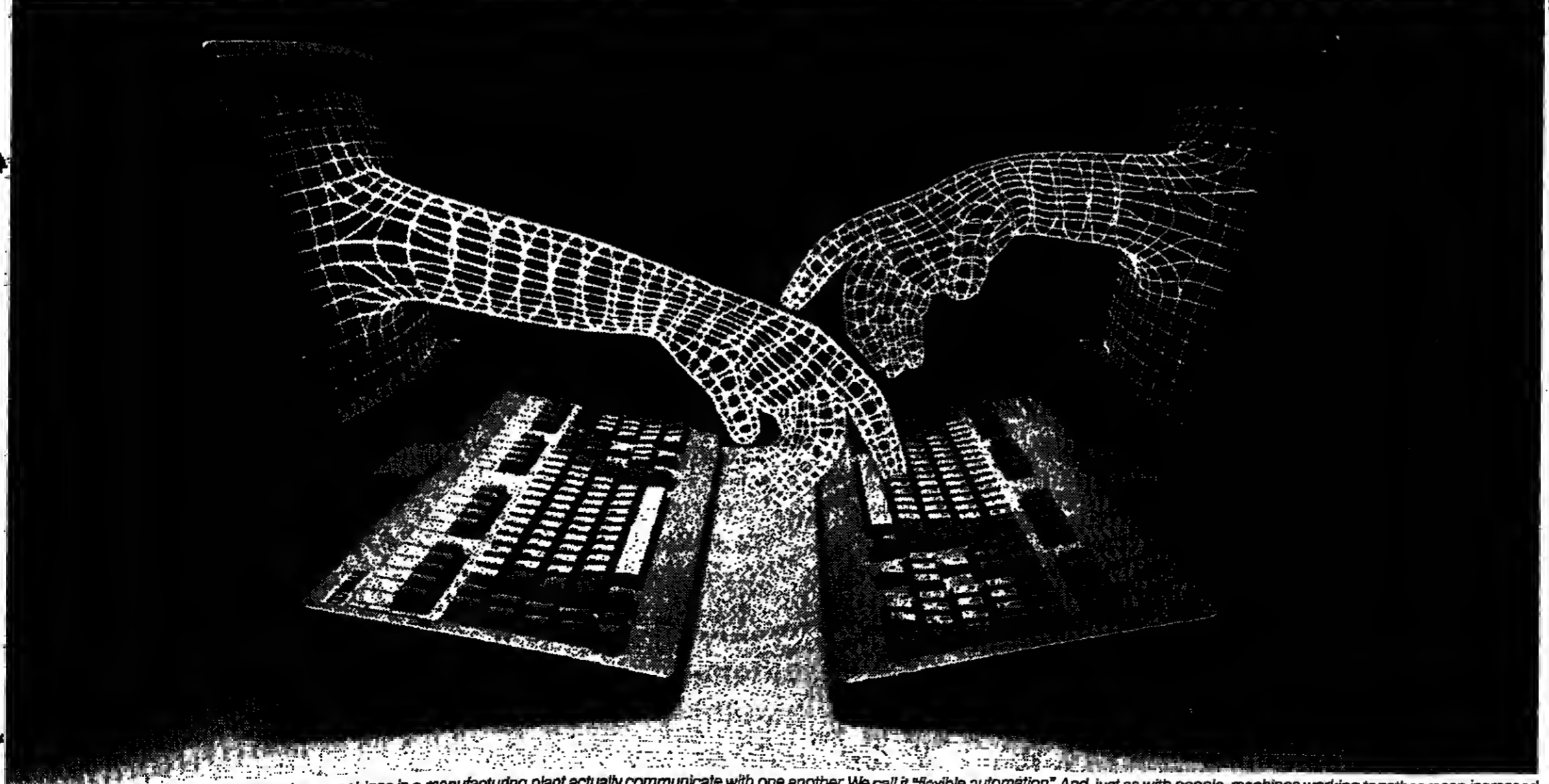
RADAR (radio detecting and ranging) is often preferred to "passive" infrared or optical sensors because it measures distance accurately and can therefore be used to distinguish target range. It has the added benefit of long-range detection and the ability to see no matter what the weather. But its strength is also a military liability. By emitting signals, radar often gives away its identity because it has a distinctive "signature" based on its transmission parameters.

Passive sensors, those that rely solely on receiving emissions from potential targets, are often good for identifying targets but cannot measure range well. Without knowing the emitter's strength, it is impossible to determine how its signal was affected by distance. The U.S. military now favors a mix of "active" radar and passive sensors to monitor its adversaries.

New radar systems range from colossal over-the-horizon backscatter radar, which bounces waves off the ionosphere to detect aircraft as far as 2,000 miles (3,232 kilometers) away.

Continued on page 10

## The electronic factory: teaching machines to like one another.



Electronic intelligence from AEG lets various machines in a manufacturing plant actually communicate with one another. We call it "flexible automation". And, just as with people, machines working together mean increased production, lower energy costs and improved quality. And the real people get to take up more challenging jobs.

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We currently have, under test, an automatic speech recognition system which will turn computers into "listeners" as well as "thinkers". Future generations of computers will take direction from the human voice, not the keyboard. The result? Simplified interaction between human and machine, and expansion of computer applications.

Optical fibres give telecommunications an enormous bandwidth: a single glass fibre can be used in different applications to transmit 30,000 telephone conversations or several television channels simultaneously — and much more than this: videophone conversations and teleshopping, video conferences and data links between offices and public authorities.

AEG's traveling-wave-tubes are being used worldwide in satellite projects for telephone, data, radio and television transmissions. Continuous operation at an altitude of 38,000 km demands optimum efficiency and extremely high reliability.

# AEG





Technology

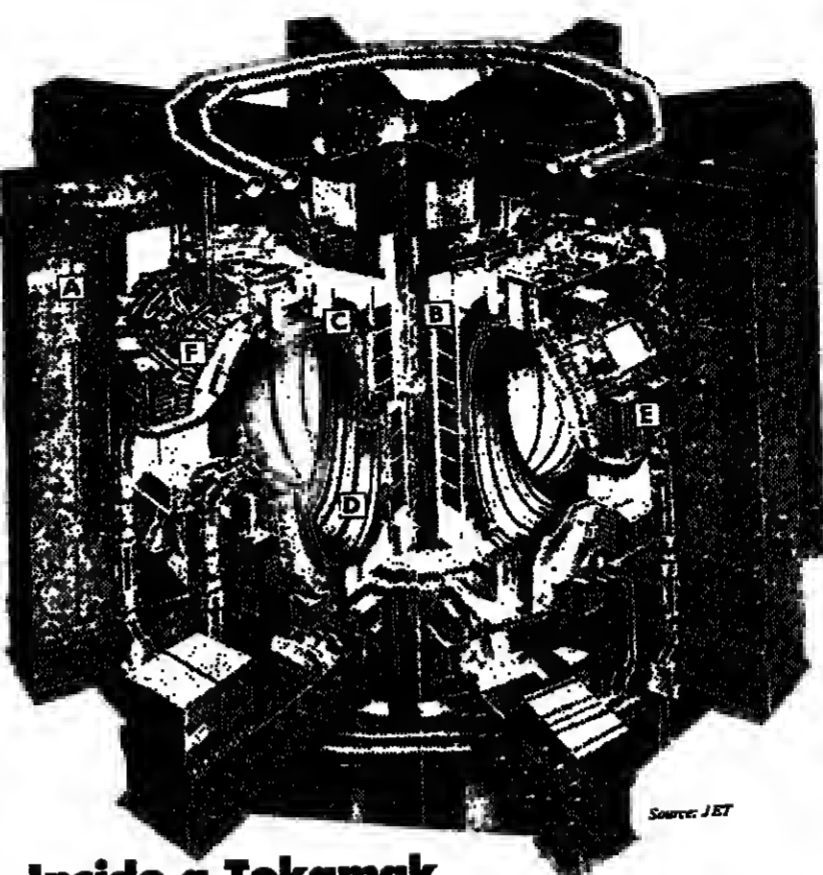
World's Top Research Nations Plan to Design Fusion Reactor

By Robin Herman

PARIS — The four world heavyweights in fusion power research — the Soviet Union, the United States, the European Community and Japan — have agreed to design together what would be the world's first nuclear fusion reactor.

The cooperative agreement on ITER was reached in October in Vienna and is expected to be ratified without problem by the governments involved. Among the representatives was Yevgeny P. Veikikov, science adviser to Mikhail S. Gorbachev and a longtime proponent of international collaboration in this very expensive branch of physics.

that the agreement would not commit any of the partners to actually building the machine. While the U.S. Department of Energy has been encouraging international collaboration as a way of shoring up declining fusion research funds, the Department of Defense has been nervous about possible technology leaks to the Soviet Union.



Inside a Tokamak

A cross-section of the Joint European Torus, the most powerful tokamak yet, reveals the workings of current fusion experiments. A iron transformer core connects primary current to plasma through B winding circuit coils; C toroidal field coils produce magnetic field that positions plasma; D vacuum vessel holds plasma; E outer poloidal field coils; F mechanical structure.

Oxford Stores The Language In a Gigabyte

By Francis X. Clines

OXFORD, England — Gigabyte is the latest word at the Oxford English Dictionary, a measure of the 1 billion bytes needed for what will be a major event in the history of the language — for a romp across the fluorescent fields of the modern computer.

Here, in a humble old stone building along one of the university roads, workers are freeing the OED giant — the largest and most historically authoritative dictionary of the language — for a romp across the fluorescent fields of the modern computer.

Hong Kong Electronics Makers Map Survival Strategy

By Gary Aderman

HONG KONG — As elsewhere in Asia, the electronics industry in Hong Kong has grown rapidly in recent years, becoming an essential ingredient in the territory's overall mix of exports.

producers, who have long accounted for about 40 percent of exports, electronics manufacturers now appear trapped between the giants of Asia — South Korea and Taiwan — and the would-be giants — Malaysia, Thailand and others.

electronics centers like Japan and South Korea, which make the same items and are protective of their home industries, businessmen said.

man of an industry advisory committee to government, said, "China will take 10 to 30 years to develop the skills Hong Kong has in product development, production management, quality assurance, financing, sales and marketing."

semiconductor companies such as Motorola and Sprague of the United States plan major Hong Kong investments, picking up the local slack.

Advertisement for BASF featuring a large image of the Earth from space. Text includes: 'Progress through worldwide Synergy.', 'BASF The Spirit of Innovation', and 'BASF' at the bottom right.



Technology

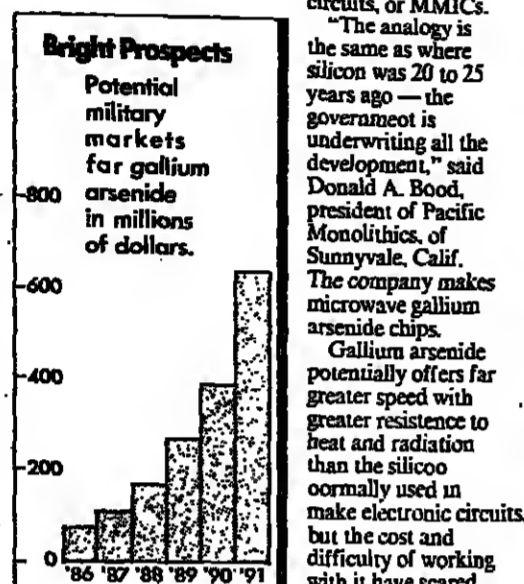
NOTEBOOK

'Paper' Battery

TOKYO — Two Japanese companies have succeeded in producing electrolyte, the chemical mixture inside batteries, in paper form, allowing the manufacture of batteries less than 0.1 millimeter (0.004 inches) thick.

Speedier Chip

SAN FRANCISCO — The Pentagon is pushing suppliers toward gallium arsenide integrated circuits, combining many components into a single chip that can be reliably mass-produced.



arsenide integrated circuits will allow sophisticated radar systems — oow the size of buildings — to be made small enough to fit into planes.



Scientists monitor microbiology outside tomb to measure impact of visitors.



Conservator takes color readings on wall paintings to detect changes.

Man, Machines Restore Measure of Life

Continued from page 7

Mr. Montreal had worked on Egyptian archaeological sites in the 1960s and had been involved in the reorganization of the Egyptian Museum in the 1970s.

The two men got the Nefertari conservation project started in September 1986, less than 15 months after Mr. Montreal's appointment, something of a speed record for this type of undertaking.

In the meantime, what is to this date the most advanced conservation laboratory had been set up. It was running under the scientific direction of Frank Preusser, one of the top men in the field of scientific conservation who had been lured away from the Dörner Institute in Munich.

Mr. Preusser has a keen visual understanding of art and does not allow technology to run out of bounds against common sense.

What Mr. Preusser set out to do, as it appears in retrospect, was to give Mr. Mora assurances that whatever the restorer would be doing would be compatible with the environment of the tomb and the physical characteristics of the paintings.

Directed by Mr. Preusser, a team including Egyptian and Western scientists analyzed the materials used to execute the wall paintings, which include the pigments, the plaster coating and the binding medium.

In the past, if scientists wanted to analyze minute, i.e. sub-milligram fragments, they would resort to diffraction cameras recording the results on film.

The attention of the Getty team was focused particularly on the salt. The highly sophisticated equipment of the Conservation Institute at Marina del Rey in California includes an electron-beam microscope — a scanning electron microscope using electrons instead of visible



Inside the tomb's funerary chamber, workers prepare surfaces for the next phase of restoration.

light. While the basic device has been in use for 15 years, recent progress has given it a higher resolution that allows magnification up to 100,000 times.

Looking into the pores of the plaster for the salt crystals, varying in size from a hundredth to a tenth of a millimeter, that they expected to see, the technicians found that there were ooooo. The only crystals were normal clay minerals.

This was a major discovery. Knowing that there was no salt in the plaster itself meant that the restorers would be able to consolidate it directly by impregnating it with a consolidating agent, an area in which the Getty Conservation Institute has probably done the most advanced research work anywhere.

Portable and computerized, the apparatus allowed the team to do up to 1,500 color measurements in six working days, including the photographic documentation and the data reduction.

At a conference held in Cairo from Nov. 17 to 20, as a conclusion in the first phase of the Nefertari project, scientists compared notes in their respective areas.

At a conference held in Cairo from Nov. 17 to 20, as a conclusion in the first phase of the Nefertari project, scientists compared notes in their respective areas.

THE investigation had started on the assumption that the salt coming out of the rock, the major cause of deterioration, was the result of periodic rainfalls.

When we studied the salt under the electron-beam microscope, I expected, on the basis of that hypothesis, to see a layered structure reflecting periods of growth of the salt formations.

This is a vital indication that the restorers will be in no danger of seeing their work jeopardized in the event of a catastrophic rainfall in 10, 20 or 50 years.

believes that the Egyptian blue of the tomb ceiling has turned black in some areas, possibly as a result of micro-organisms.

Having collected these data from September 1986 in April 1987, the Getty Conservation Institute started the treatment phase at once.

The larger pieces have been fixed with thin strips of Japanese paper, 10 by 2 centimeters (3.8 by .78 inches), which make some of the walls look as if they had been covered with Band-Aids.

Mr. Montreal estimates that in two years the restoration work should be completed. Thus, at a cost that is minimal compared with the overall Paul Getty Trust budget, one of the most remarkable artistic undertakings since World War II is being carried out.

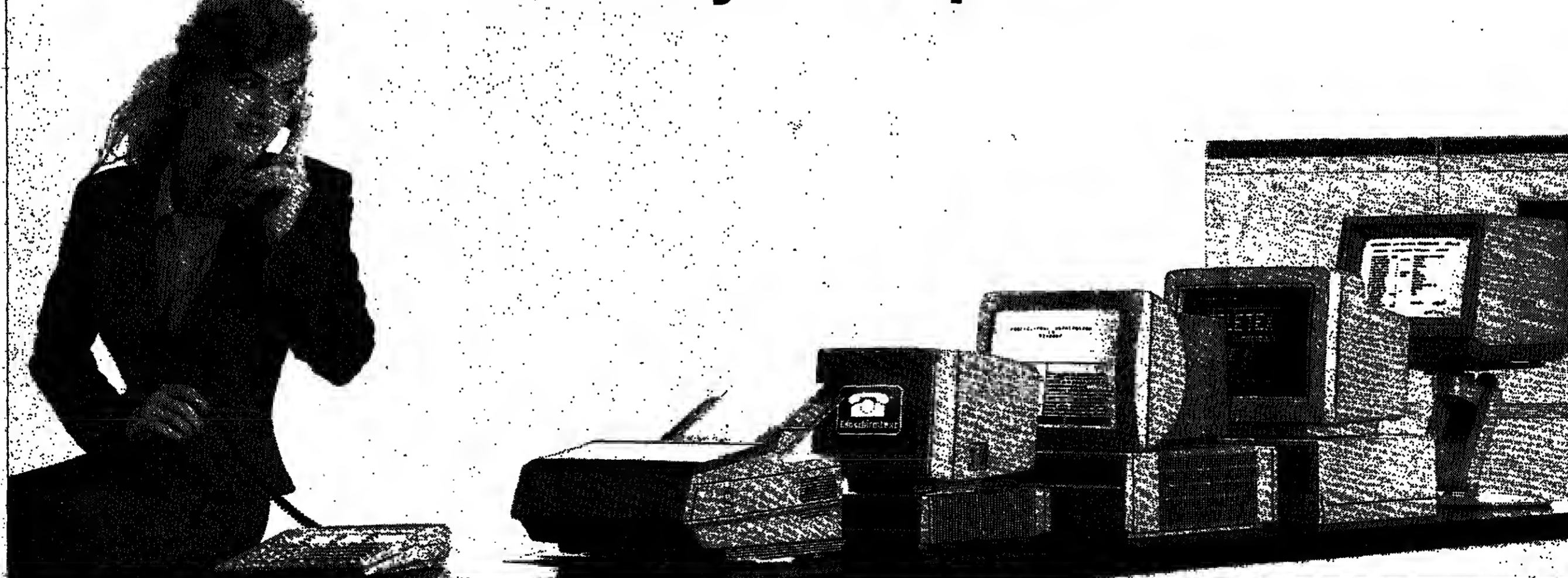
ures' Radar ems Work

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Vertical text on the left margin, partially obscured and difficult to read.

Vertical text on the left margin, partially obscured and difficult to read.

With Nixdorf, your phone can simultaneously put all these powerful tools at your disposal



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and MTU have provided the company with a broader, even more forward-looking base to build on.

Already new opportunities are taking shape in the development of the motor car.

Daimler-Benz knows that success in the markets of the future requires that they draw inspiration from the

most diverse fields of technology and make full use of every available intellectual and economic resource.

A heritage of quality consciousness combined with today's inventiveness and access to new technology puts the company into a unique position to embrace the future with total confidence.



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Chaum  
HERE DOORS  
Pick of J

Pick of J  
Restored Temple  
Opens in Athens

Restored Temple  
Opens in Athens

DOONESBURY  
ON STAND  
OF JOE'S BARBERS  
NEAR CITY





NYSE Most Actives table with columns: Vol., High, Low, Last, Chg.

Market Sales table with columns: NYSE 4 a.m. volume, NYSE volume down, OTC volume down.

NYSE Index table with columns: High, Low, Close, Chg%.

Monday's NYSE Closing logo and text: Via The Associated Press.

AMEX Diary table with columns: Close, Prev.

NASDAQ Index table with columns: Close, Chg%, Week Ago, Year Ago.

AMEX Most Actives table with columns: Vol., High, Low, Last, Chg.

Dow Jones Bond Averages table with columns: Close, Chg%.

NYSE Diary table with columns: Close, Prev.

Odd-Lot Trading in N.Y. table with columns: Buy, Sell, % of Total.

Dow Jones Averages table with columns: Open, High, Low, Last, Chg.

Standard & Poor's Index table with columns: High, Low, Close, Chg%.

NASDAQ Diary table with columns: Close, Prev.

AMEX Stock Index table with columns: High, Low, Close, Chg%.

Tables include the nationwide prices up to the closing on Wall Street and do not reflect late trades elsewhere.

Dow Soars 65 in Active Trading

NEW YORK — Prices on the New York Stock Exchange posted their best gain Monday in more than six weeks as enthusiastic investors shrugged off the weakening dollar and set their sights on a year-end rally.

The Dow Jones industrial average, which rose 100.30 points last week, jumped 65.82 on Monday to close at 1,932.86. It was the blue-chip index's best gain since Oct. 29, when it added 91.51 points.

Advances led declines by nearly a 3-1 ratio. Volume was 187.7 million shares, up from 151.6 million Friday.

The New York Stock Exchange index rose 3.43 to 133.26, with the price of an average share gaining 78 cents.

The market started strongly, gaining almost 17 points in the first half hour, and gathered momentum all day.

Trade Laiter of Josephthal & Co. said the advance was partly, but not entirely, attributable to computer-driven program trading.

"It's a combination of some speculation, some bargain-hunting, some futures-related activity and some activity related to institutions that need to put cash to work" before the end of the year, she said.

Analysts said the market appeared to want to move higher regardless of the dollar's continued decline against other currencies.

Market sentiment appeared to be affected by a strengthening conviction that prices are headed for a year-end rally, traders said.

"This market wants to go higher for the rest of the year," said Eric Rudner, manager of

block trading with Mabon, Nugent & Co. He added that the weakened dollar eventually could sap the momentum, but that many traders were taking a wait-and-see attitude toward the currency's problems.

Larry Wachtel, a market analyst with Prudential-Bache Securities Inc., said the advance Friday "set the psychological framework to withstand the weaker dollar this morning."

He added that disarray evident among OPEC oil ministers meeting in Vienna, which sent oil prices plummeting Monday on world markets, also provided some support for stock prices.

"Basically this is a market that's shown surprising resilience in the past week in the face of some bad shocks — especially the trade figure and the dollar," said Michael Metz of Oppenheimer & Co., referring to the record monthly U.S. trade deficit of \$17.6 billion reported Thursday. "It's almost as though it's looking for an excuse to go higher."

Schlumberger was the most active NYSE-listed issue, closing unchanged at 29. Southern New England Telecom followed, up 1 to 46, with Texaco next, adding 1/4 to 35 3/4 as its shareholders and creditors discussed a proposal for a \$3 billion settlement of the oil giant's \$10.3 billion dispute with Pennzoil. Pennzoil fell 4 1/4 to 74 1/4.

International Paper jumped 3 1/4 to 43 1/4 after it said it will boost container board prices. Other paper issues followed, Stone Container adding 3 1/4 to 35 1/4, Great Northern Neokosa rising 2 1/4 to 44 1/4 and Scott Paper up 4 to 69 1/4. AT&T added 1 to 28 3/4. IBM gained 5 to 113 1/4.

Large table of stock prices with columns: High, Low, Last, Chg, Div, Yld, PE, etc.

WISHING YOU A BLUE WHITE CHRISTMAS FROM THE MOST FABULOUS COLLECTION OF JEWELS IN THE WORLD. Graft logo and contact information.

Table A: 12 Month High, Low, Stock, Div, Yld, PE, etc.

Table B: 12 Month High, Low, Stock, Div, Yld, PE, etc.

Table C: 12 Month High, Low, Stock, Div, Yld, PE, etc.

Table D: 12 Month High, Low, Stock, Div, Yld, PE, etc.

Table E: 12 Month High, Low, Stock, Div, Yld, PE, etc.

Table F: 12 Month High, Low, Stock, Div, Yld, PE, etc.

Table G: 12 Month High, Low, Stock, Div, Yld, PE, etc.

Table H: 12 Month High, Low, Stock, Div, Yld, PE, etc.

Table I: 12 Month High, Low, Stock, Div, Yld, PE, etc.

Table J: 12 Month High, Low, Stock, Div, Yld, PE, etc.

Table K: 12 Month High, Low, Stock, Div, Yld, PE, etc.

Table L: 12 Month High, Low, Stock, Div, Yld, PE, etc.

International Herald Tribune advertisement: Presidential Seoul Investor. B. GRAHAM.

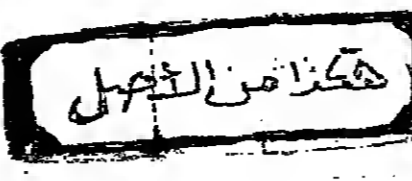
THE analysts said, however, that the United States and other export nations are encouraging individual investors to account for more than 10 percent of the volume.

Current Rates table with columns: Country, Rate, etc.

Other Dollar Values table with columns: Country, Value, etc.

Forward Rates table with columns: Period, Rate, etc.

Interest Rates table with columns: Term, Rate, etc.



AMEX Most Active, AMEX Stock Index, Christmas... (Vertical sidebar on the far left)

INTERNATIONAL STOCK MARKETS
Presidential Election Gives Seoul Investors the Jitters

Presidential Election Gives Seoul Investors the Jitters

By GRAHAM EARNSHAW
SEOUL — The presidential election Wednesday in South Korea has made the Seoul stock market so nervous that several share analysts said Monday...

One analyst said the market could fall between 10 and 50 percent, depending on who wins.

The analysts said that the market, which is virtually closed to foreign investors, except for government-approved funds that are estimated to account for only about 2 percent of the volume, had virtually ignored the global plunge in share prices over the past two months.

Memorex To Buy Telex

Edelman Drops Bid, Gets Cash

The Associated Press
TULSA, Okla. — Telex Corp. said Monday that it had agreed to be acquired by Memorex International NV in a tender offer valued at about \$911.4 million...

Mr. Edelman's investment group, TLX Acquisition Corp., on Oct. 8 made a hostile offer of \$55 a share for all Telex's outstanding stock, but revised that bid Nov. 25 to \$65 a share for 10.5 million shares.

Canadian Patriot Pipes Trade Dirge

Sees U.S. Threat To Jobs, Identity

By John F. Burns
New York Times Service
OTTAWA — At hearings last month on Canada's free trade agreement with the United States...



Mel Hurtig, a self-made publisher, fears the pact will make Canada a vassal.

The pact, which is to be signed by President Ronald Reagan on Jan. 2, would eliminate or sharply lower tariffs and most other barriers to trade...

Dollar Weakens, But U.S. Denial Brakes Its Fall

Strengthening our policy in a coordinated fashion...

NEW YORK — The dollar closed slightly lower in New York on Monday, although a White House denial that it favored a further decline pulled the currency back from new postwar lows...

After Collapse of U.S. 'Stock Machine,' Changes Loom for Cogs That Failed

By James Sterngold
New York Times Service
NEW YORK — Just as the stock market crash of 1929 helped shock the United States into a fundamental reform of its financial structure...

Currency Rates

Table with columns: Cross Rates, Other Dollar Values, Forward Rates, Interest Rates. Lists various currencies and their rates against the dollar.

U.S. Industrial Output Rose 0.4% in November

The Associated Press
WASHINGTON — Output at U.S. factories, mines and utilities climbed a healthy 0.4 percent in November, the government reported Monday.

More business leaders fly ALG than any other... (ALG advertisement)

U.K. Retail Sales Up 1.05%

Reuters
LONDON — The volume of British retail sales rose a healthy 1.05 percent in November, according to provisional figures released Monday by the Department of Trade and Industry.

The Royal Oak. ONE OF THE GREATEST DESIGNS OF THE 20 TH CENTURY. (Royal Oak advertisement)

Interest Rates

Table with columns: Eurocurrency Deposits, Key Money Rates. Lists interest rates for various deposit terms.

U.S. Money Market Funds

Table with columns: U.S. Money Market Funds, Gold. Lists values for money market funds and gold prices.

Hutton MANAGED CURRENCIES PROGRAM. PERFORMANCE RESULT FOR BEGINNING EQUITY OF... (Hutton advertisement)

Audemars Piguet. The Automatic Royal Oak with Day, Date and Moon Phases for Men and the ultra-thin Royal Oak with calendar for Ladies. (Audemars Piguet advertisement)

Gold. Trade Futures \$18. (Gold advertisement)

Key Money Rates. Table with columns: Key Money Rates, Asian Dollar Deposits. Lists money market rates and Asian dollar deposits.

Mondays NYSE Closing

Tables include the nationwide prices up to the closing on Wall Street and do not reflect late trades elsewhere.

13 Month High Low Stock Chg. Yld. PE 52-Week High Low

Table with 6 columns: Stock, Chg., Yld., PE, 52-Week High, 52-Week Low. Includes companies like Alcoa, Amstar, Amgen, etc.

(Continued)

Table with 6 columns: Stock, Chg., Yld., PE, 52-Week High, 52-Week Low. Includes companies like Amstar, Amgen, Amgen, etc.

(Continued)

Table with 6 columns: Stock, Chg., Yld., PE, 52-Week High, 52-Week Low. Includes companies like Amstar, Amgen, Amgen, etc.

(Continued)

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Table with 6 columns: Stock, Chg., Yld., PE, 52-Week High, 52-Week Low. Includes companies like Amstar, Amgen, Amgen, etc.

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(Continued)

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(Continued)

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(Continued)

Table with 6 columns: Stock, Chg., Yld., PE, 52-Week High, 52-Week Low. Includes companies like Amstar, Amgen, Amgen, etc.

(Continued)

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(Continued)

Table with 6 columns: Stock, Chg., Yld., PE, 52-Week High, 52-Week Low. Includes companies like Amstar, Amgen, Amgen, etc.

Vertical advertisement on the right edge of the page, partially cut off, containing text like 'Steel Loss', 'Management Buyout Offer', and 'CANADA: Citin'.



BUSINESS ROUNDUP

Steel Loss Depresses Thyssen Profit

DUSSELDORF — Thyssen AG, the West German industrial group, reported Monday that world group net profit fell 18 percent to 302 million Deutsche marks (\$185.1 million) in the year ended Sept. 30, from 370.1 million DM a year earlier.

Revenue from steel operations fell 16 percent, to 8.9 billion DM from 10.6 billion. Thyssen said it planned to pay a dividend of 3 DM, unchanged from the previous year, despite anticipated heavy losses from steel.

Management Group Lowers Buyout Offer for GAF Corp.

WAYNE, New Jersey — GAF Corp. said Monday that a management group led by its chairman, Samuel J. Heyman, had lowered its buyout offer since the stock market collapse.

conditions and the rise in interest rates, which would make financing more expensive. The original bid had valued the company at \$2.23 billion. Wall Street arbitrageurs said the revised proposal was difficult to value because the debt portion of the offer had not been fully disclosed.

Nissan Expands U.K. Plant

LONDON — Nissan Motor Co. is investing a further £216 million (\$395 million) in its car plant in northeast Britain, Nissan's chairman, Takashi Ishihara, said Monday. He said Nissan's investment would enable its British subsidiary, Nissan Motor Manufacturing (U.K.) Ltd., to make Micra, a small new model, at a rate of 100,000 a year beginning in 1992.

Continental AG, Japan Firms To Form Joint Tire Venture

By Ferdinand Protzman International Herald Tribune FRANKFURT — Continental AG, the West German tire manufacturer, said Monday it had signed a letter of intent to establish a joint venture with Toyoko Tire & Rubber Co. and Yokohama Rubber Co. to produce tires in Japan and the United States.

Japanese companies to increase sales to the U.S. auto industry. Final details should be completed by May 1988, said Dieter von Herz, a Continental spokesman. Toyoko has been producing 250,000 to 300,000 tires annually in Japan for Continental since 1981 under a licensing agreement.

JAL Sets Share Price at 13,400 Yen

TOKYO — The government's 34.5 percent holding in Japan Air Lines Co. will be sold at 13,400 yen (\$105) a share, brokers underwriting the issue said Monday. That price, about 3.5 percent below JAL's closing level Monday of 13,900 yen on the Tokyo Stock Exchange, could bring in as much as 640 billion yen.

already placed with financial institutions and companies affiliated with JAL. Underwriting brokers said that institutions would ensure the success of the offering. But they said that individuals were likely to avoid it because of the recent decline in JAL's stock price.

CANADA: Citing Threat to Jobs, Patriot Publisher Fights U.S. Trade Pact

(Continued from first finance page) Canada at 16, fleeing pogroms in the Ukraine. After high school, Mr. Hurlig worked as a truck driver, then switched to a job as a clerk in a family-owned fur store. In 1955, at 24, he quit the job, borrowed \$3,500 from his father and included his love of reading by opening Edmonton's first independent bookstore.

against the United States, if it wanted to preserve its nationality. The publisher commonly cited is the extent of U.S. ownership of Canadian businesses. The figures are in dispute. Recent government statistics say that Americans owned 27 percent of the equity in nonfinancial Canadian businesses in 1960 and 23 percent in 1983.

with Canada's role in World War I and with Canadiana painting, among others, were best-sellers. But the venture that secured the company's future was the publication in 1985 of a three-volume Canadian Encyclopedia, the first such reference work devoted to Canadian subjects. Hurlig Publishers invested more than \$8 million in the project, an unheard-of figure for a Canadian publisher.

As some of the country's top economists have discovered, this self-educated man can be a formidable opponent. The publisher made an impressive display of his homework before the parliamentary committee, where he presented a paper crammed with statistics, many of them the product of fresh research. A few days earlier, the panel had been dismayed when government witnesses admitted that Mr. Mulroney's forecast of 350,000 new jobs from free trade had not been based on scientific research.

ADD SOMETHING SOLID TO YOUR PORTFOLIO. INVEST IN THE NEW GOLD BRITANNIA. As long as man can remember, gold has been the standard of wealth. It has been the best insurance against inflation and times of trouble. More secure than empires, certainly more secure than paper. And now there is a new, simple way to buy it. The new Britannia coin contains one ounce (31.1035 grams) of pure gold. It is guaranteed by the British Royal Mint, the oldest mint in the world.

INDOSUEZ-MULTIBONDS Fonds Commun de Placement Luxembourgeois 39, allée Scheffler Luxembourg. Distribution des revenus de l'exercice, clôture le 30 septembre 1985.

INTERMARKET FUND I société anonyme 2, boulevard Royal Luxembourg R.C. Luxembourg B 8622. Notice is hereby given that a general meeting of shareholders will be held at the registered office of the company on December 31st, 1987 at 10.00 a.m. with the following agenda:

this announcement appears as a matter of record only Phs. van Ommeren NV has merged with NV Handel- en Industrie-Maatschappij 'Ceteco' the combination will continue its activities under the name of Van Ommeren Ceteco NV. The undersigned assisted in the negotiations and acted as financial advisor to Phs. van Ommeren NV in this transaction. Amsterdam-Rotterdam Bank N.V. NV Handel- en Industrie-Maatschappij 'Ceteco' has merged with Phs. van Ommeren NV. The undersigned assisted in the negotiations and acted as financial advisor to N.V. Handel- en Industrie-Maatschappij 'CETECO' in this transaction. Algemene Bank Nederland N.V.

FOREIGN & COLONIAL RESERVE ASSET FUND. A: U.S. DOLLAR "CASH" \$12.84 B: MULTICURRENCY "CASH" \$14.70 C: DOLLAR BONDS \$12.38 D: MULTICURRENCY BONDS \$17.15 E: STERLING BONDS \$17.75 F: DEUTSCHE MARK BONDS \$17.75 G: JPN BONDS \$17.75 H: SWISS BONDS \$17.75 I: EUR BONDS \$17.75 J: STERLING EQUITY \$17.75 K: U.S. EQUITIES \$17.75 L: JAPANESE EQUITIES \$17.75 M: GLOBAL EQUITIES \$17.75 N: STERLING "CASH" \$17.75 O: GOLD \$17.75

Computer Explosion Count how many tools you have in your home, and that's how many computer-ize devices you may eventually own. Indigo is not a licensed broker. Arda Palma de Mallorca 43, Terramontes, Valencia, Spain. Telephone 34-52-389688 - Telex 75423.

Monday's MEX Closing

Tables include the nationwide prices on the closing on Wall Street and do not reflect late trades elsewhere.

Table with columns: 12 Month High Low Stock, Div. Yld. PE, 52 Wk High Low, Close, Chg. Over. Includes various stock listings.

Table with columns: 12 Month High Low Stock, Div. Yld. PE, 52 Wk High Low, Close, Chg. Over. Includes various stock listings.

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MARKETS: A

Continued from first finance page... But it's nonsense to say... The market... The market... The market...

INTERNATIONAL FUNDS (Quotations Supplied by Funds Listed) Dec. 14, 1987

Net asset value quotations are supplied by the Funds listed with the exception of some quotes based on issue price.

Large table listing various international funds with columns for fund name, net asset value, and other details.

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Be sure that your fund is listed in this space daily. Telex: Matthew GREENE at 613597 for further information.

AMEX High-Lows

Table listing AMEX High-Lows with columns for stock name, high, low, and change.

NSE High-Lows

Table listing NSE High-Lows with columns for stock name, high, low, and change.

Floating-Rate Notes

Table listing Floating-Rate Notes with columns for issuer, coupon, and bid/ask prices.

Deutsche Marks

Table listing Deutsche Marks with columns for issuer, coupon, and bid/ask prices.

Pounds Sterling

Table listing Pounds Sterling with columns for issuer, coupon, and bid/ask prices.

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Table listing Deutsche Marks with columns for issuer, coupon, and bid/ask prices.

Pounds Sterling

Table listing Pounds Sterling with columns for issuer, coupon, and bid/ask prices.

E.C.U.

Table listing E.C.U. with columns for issuer, coupon, and bid/ask prices.

Japanese Yen

Table listing Japanese Yen with columns for issuer, coupon, and bid/ask prices.

Vertical text on the far right edge of the page, possibly a page number or additional page indicator.

MARKETS: After Collapse of U.S. 'Stock Machine,' Tinkering Lies Ahead

Exchange. "But it's nonsense to say it won't happen again. The markets reflect the fundamentals and psychology, and sometimes the psychology gets a little out of whack. You can never say that you'll never have a market collapse again."

Making matters worse, some of the banks that lend money to these market makers reduced or cut off their lines of credit. Had that financing been halted long enough, the real "meltdown" that was narrowly averted might have occurred.



Robert Redford as Jay Gatsby: another speculative era.

ERA: Bull Run Paralleled Jazz Age

(Continued from Page 1) banker who was commerce secretary in the Nixon administration. "We are now understanding that that is not the case."

Monday's OTC Prices. NASDAQ prices as of 4 p.m. New York time. This list, compiled by the AP, consists of the 1,000 most traded securities in terms of dollar volume.

Table with columns: 12 Month High/Low, Div. Yld., Sales, High, Low, 4 P.M. Close, Net Change. Lists various OTC stocks like AAW, ASA, ACT, etc.

Table with columns: 12 Month High/Low, Div. Yld., Sales, High, Low, 4 P.M. Close, Net Change. Lists various OTC stocks like HON, JCI, JDS, etc.

Table with columns: 12 Month High/Low, Div. Yld., Sales, High, Low, 4 P.M. Close, Net Change. Lists various OTC stocks like PAC, POC, POF, etc.

explained that some dealers chose not to answer their telephones during the collapse or were so overwhelmed that many callers could not get through.

Table with columns: 12 Month High/Low, Div. Yld., Sales, High, Low, 4 P.M. Close, Net Change. Lists various OTC stocks like TSC, TFC, TFE, etc.

Table with columns: 12 Month High/Low, Div. Yld., Sales, High, Low, 4 P.M. Close, Net Change. Lists various OTC stocks like ABB, ABC, ABD, etc.

Table with columns: 12 Month High/Low, Div. Yld., Sales, High, Low, 4 P.M. Close, Net Change. Lists various OTC stocks like ABE, ABF, ABG, etc.

Table with columns: 12 Month High/Low, Div. Yld., Sales, High, Low, 4 P.M. Close, Net Change. Lists various OTC stocks like ACH, ACF, ACG, etc.

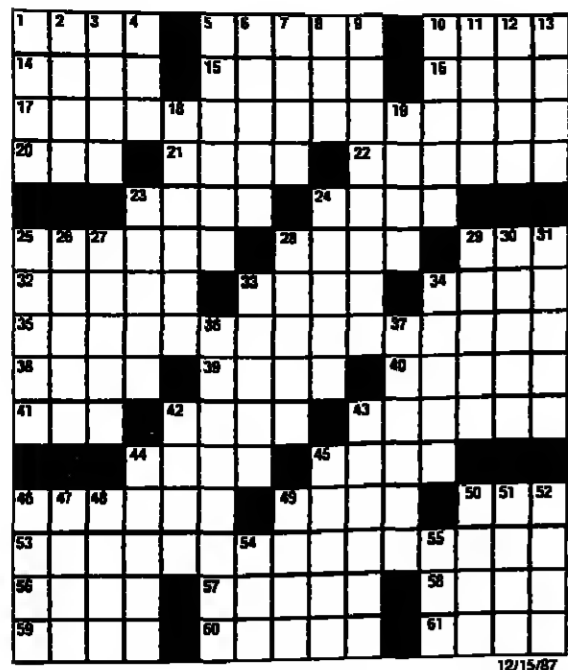
Table with columns: 12 Month High/Low, Div. Yld., Sales, High, Low, 4 P.M. Close, Net Change. Lists various OTC stocks like AHA, AHB, AHC, etc.

Table with columns: 12 Month High/Low, Div. Yld., Sales, High, Low, 4 P.M. Close, Net Change. Lists various OTC stocks like AHD, AHE, AHF, etc.

Table with columns: 12 Month High/Low, Div. Yld., Sales, High, Low, 4 P.M. Close, Net Change. Lists various OTC stocks like AHA, AHB, AHC, etc.

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Monday's AMEX Closing. Tables include the nationwide prices up to the closing on Wall Street and do not reflect late trades elsewhere.



ACROSS 1 Open somewhat 5 Twinklers 10 Pequot's skipper 14 No great shakes 15 Martinique 16 Pram pusher 17 First change to 20 Memorabilia 21 Count calories 22 Tribe 23 Ditty 24 Chicago griddle 25 Actress 26 Verve 29 Sch-zone sign 32 Bitter 33 Briefed 34 Manifestation 35 Masterpiece of 1787 38 Sales's floral emblem 39 Corrida kudos 40 T.L.C. maven 41 Strange 42 Say it is so 43 Squabble 44 Cafe 45 Baseball's Conic

PEANUTS



BLONDIE



BEEBLE BAILEY



ANDY CAPP



WIZARD of ID



REX MORGAN



GARFIELD



DENNIS THE MENACE



JUMBLE

A word puzzle section with a cartoon illustration and a grid of letters to be unscrambled.

WEATHER

Weather forecast table for Europe, Asia, Africa, Latin America, North America, Middle East, and Oceania.

World Stock Markets

Table of world stock market closing prices in local currencies for various cities like Amsterdam, Brussels, Frankfurt, etc.

San Paulo

Table of stock market data for San Paulo, including various stock prices and indices.

BOOKS

RED DOLL By Juan Luis Cebrán. Translated by Philip W. Silver. 166 pages. \$15.95. Weidenfeld & Nicolson, 9 East 40th Street, New York, N.Y. 10016. Reviewed by Richard Eder

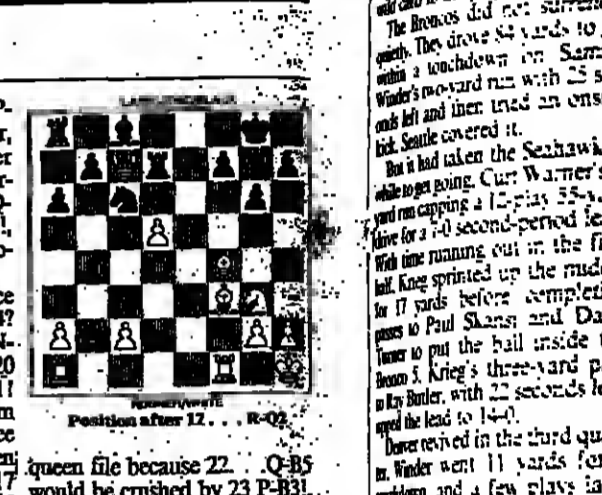
Reviewed by Richard Eder. FIFTEEN years earlier, Juan Altamirano had been one of a group of young Madrid intellectuals who put out an irregularly tolerated independent journal and who were arrested from time to time by Franco's police.

CHESS

By Robert Byrne. THERE is no reason to be optimistic about the prospects for the game between the West German grandmaster Robert Hübner and the Yugoslav grandmaster Ljubovic in the Interpolis International Tournament in Tilburg, the Netherlands is a case in point.

Seahawks Race in A

Seattle's victory pushed its record to 8-5 tied with San Diego. The Seahawks' defense was the key to their success. Seattle outplayed the Broncos in the second half.



queen file because 22... Q-B5 would be crushed by 23 P-B3. BxP or 23... QxP; 24 N-K2, Q-N5; 25 NxB, N-N5; 26 Q-Q8ch 24 R-Q8ch

SCOREBOARD

Scoreboard table showing NFL Standings, NFL Results, and Hockey Standings.

WORLD MARKETS IN REVIEW IN THE HT EVERY MONDAY A WEEKLY REVIEW OF WORLD STOCK MARKETS ESSENTIAL READING FOR INVESTORS AND PROFESSIONALS WORLDWIDE

SPORTS

Seahawks Tighten Race in AFC West

By Michael Wilbon
Seattle's victory pushed its record to 8-5, tied with San Diego...

Elway responded two plays later with a TD pass to Rick Massie...

NFL ROUNDUP

Quarterback John Elway, who had taken the Broncos to four straight victories...

Chiefs 16, Raiders 10: In Kansas City, Missouri, Bill Kenney threw a 67-yard TD pass...

Coming after two disappointing losses, the victory sends Seattle against the Bears in Chicago next Sunday...

Steelers 20, Chargers 16: In San Diego, Pittsburgh overcame a 9-0 first-quarter deficit with a strong defense...

The Broncos did not surrender quietly. They drove 84 yards to get within a touchdown on Sammy Winder's two-yard run...

Cardinals 27, Giants 24: In St. Louis, VAI Sihakema scored on a 76-yard punt return...

But it had taken the Seahawks a while to get going. Curt Warner's 32-yard run capped a 12-play 55-yard drive for a 7-0 second-period lead...

Lions 20, Buccaneers 10: In Tampa, Florida, linebacker Jimmy Williams set up 10 points with a 48-yard interception return...



Kansas City's defense, led by linebacker Aaron Pearson, denied Marcus Allen on this first-period goal-line plunge.

Woman Jockey Blazes Trail to Winner's Circle

NEW YORK — Imagine someone 24 years old who is 4 feet 10 inches (1.47 meters) tall and weighs 100 pounds (45.4 kilograms)...

vision of horses trained by his brother Robert, who has stables at several tracks and who was the leading trainer at the Meadowlands in 1985 and 1986...



Julie Krone

SCOREBOARD

Football

NFL Standings

Table with NFL Standings columns: Team, W, L, T, Pct., PF, PA. Includes American Conference and National Conference.

Basketball

NBA Standings

Table with NBA Standings columns: Team, W, L, Pct., PF, PA. Includes Eastern Conference and Western Conference.

A Seemingly Charmed Industry Takes Market Plunge in Stride

By Robert McG. Thomas Jr.
NEW YORK — Two months after the stock market crash wiped out half a trillion dollars of the nation's wealth...

ers. Leon Hess, the New York Jet owner who is also chairman of Amerasia Hess and owns almost nine million of its shares...

ample. Hess's holdings declined by a total of \$175 million from their high in July, but were worth about \$200 million at recent price levels...

franchises collapsed during the 1930s, for example, and attendance at major league baseball games declined from an average of 9.2 million a year in the decade through 1929 to 8.1 million in the 1930s.

Even so, the drop in attendance represented a decline of only 12.7 percent at a time when many businesses were suffering far greater losses...

the industry's economic importance since. By regularly riveting the attention of millions of easy-spenders in the coveted 18-49 age group...

Hockey

NHL Standings

Table with NHL Standings columns: Team, W, L, T, Pts, GF, GA. Includes Wales Conference and Campbell Conference.

U.S. College Results

Table with U.S. College Results columns: School, Score. Includes East, South, Midwest, and West divisions.

Numbers, Haircuts, Etc.: Fads Still All the Rage

By David Falkner
NEW YORK — Several years ago, Michael Jordan, the high-flying forward of the Chicago Bulls...

athletes is one called the Mushroom. As with Bosworth's Mohawk, the skull is shaved to above the ears...

More recently, Robert Parish, the taciturn Boston Celtic center, has been wearing 00. Three other NBA players — Kevin Duckworth of Portland, Benoit Benjamin of the Los Angeles Clippers...

According to Merkel, "at least 100 players out there in four-year colleges are wearing it, too, and probably a lot more in junior colleges and high schools."

But Isgur, the PaineWebber analyst, dismisses such spending cutbacks as limited to "BMW types," who for all their conspicuous consumption constitute a tiny minority of the consuming public.

With the possible exception of major gifts for stadium construction and the like, college fund-raisers say they expect no cutbacks in contributions to collegiate athletics programs.

SPORTS BRIEFS

Flamengo Wins Brazilian Soccer Title
RIO DE JANEIRO (AP) — Flamengo won its fourth Brazilian soccer title here Sunday, beating Internacional of Porto Alegre...

Transition

Football
CLEVELAND — Wounded George Willison, Cleveland's former MVP, is expected to return to the field...

Hussein Takes 3d Honolulu Marathon

HONOLULU (AP) — Undeterred by rain, wind and a strong field, Ibrahim Hussein of Kenya coasted to his third straight victory in the Honolulu Marathon...

European Soccer

Spanish First Division
Las Palmas 0, Atletico de Madrid 0. Real Madrid 2, Athletic de Bilbao 1. Barcelona 1, Osasuna 0.

ESORTS & GUIDES

Advertisement for Escorts & Guides featuring various international services like Aristocats, Zurich Susan, and Geneva Desiree.

ART BUCHWALD
Upstaged by Raisa

WASHINGTON — Rocoold Reagan got into bed and sighed, "Mikhail is really a nice guy." Nancy punched her pillow with her fist. "He's feisty but he has a sense of humor," the president went on. Nancy punched her pillow again. "Why are you doing that?" Ronald asked. "I can't believe it. I was publicly upstaged by a communist," Nancy said, hitting her pillow once more. "You're just imagining things," Ronald said. "Raisa would upstage you."



Buchwald

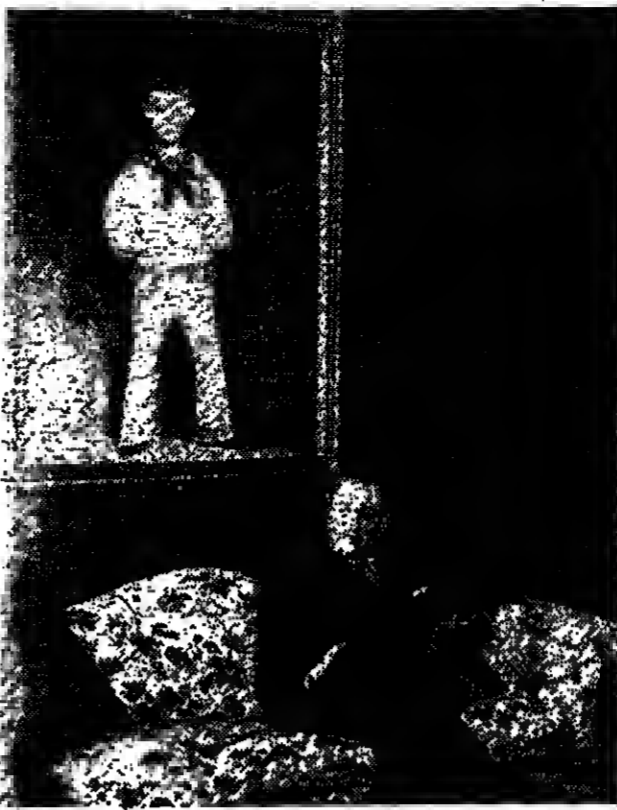
"I don't care what you call her, she humiliated me and she did it on purpose." "No one could humiliate you, Nancy." "How would you know? You were locked up in meetings all day and you had no idea what was going on outside."

Napoleonic Flintlock Sold

LILLE, France — A New York antiques dealer paid \$146,000 for an antique rifle with a barrel decorated with tiny bees that once belonged to Napoleon II, also known as the King of Rome.

Henry Bernstein's Theatrical Life

By Thomas Quinn Curtiss
International Herald Tribune
PARIS — Henry Bernstein was one of the most successful French dramatists of his day. He wrote 50 plays between 1900 and his death in 1953. He did not, like his contemporary Sacha Guitry, take to the boards to impersonate his leading men, but he was always "on," though off stage. A dandy in the mundane whirl, he gave a continuous performance for more than half a century. His private life was not private. Among his mistresses were Coco Chanel and for a long spell Eve Curie, the daughter of Marie Curie.



Bernstein seated before his portrait by Manet.

He staged "Le Marché" in 1900. When Bernstein's unauthorized leave was forgiven and he returned to Paris he found himself a playwright much in demand. In 1911 the Comédie-Française accepted his play "Après moi!" This official recognition of an author who had deserted the colors infuriated Léon Daudet, editor of the relentlessly anti-Semitic "Action Française," who organized manifestations to halt its performances. Its premiere was the scene of a riot and when the play was repeated there were more disturbances. It was withdrawn.

PEOPLE

Lorin Maazel to Take Permanent Post in Paris

The American conductor Lorin Maazel was named Monday to be music director of the Orchestre National de France, and said he thought the role was his destiny. Maazel, 57, will take on the new job in August, while continuing as music director at the Pittsburgh Symphony Orchestra. In 1977 Maazel became the orchestra's principal guest conductor. The Orchestre National, founded in 1953, has been without a full-time conductor since 1973. Roland Fraire, president of Radio France, also announced that the French conductor and composer Pierre Boulez will become the orchestra's "consultant for special events."

Bob Geldof returned to London Sunday after a 12-day tour of Ethiopia and Mozambique and warned of another famine. "We may see again those horrendous pictures and believe me if you do see them your conscience will be twinged," he said. Relief organizations, such as Geldof's own Band-Aid, are frustrated because wars in both nations have blocked efforts to get food to the starving. Geldof says he asked for a cease-fire the day he left Ethiopia.

Baron Hans Heinrich von Thyssen-Bornemisza of Kaszon, the Swiss multimillionaire looking for a permanent home for his 1,200-piece private art collection now in Lugano, said Monday he would announce the name of the recipient next year. Thyssen sought an exhibition of 50 of the Old Masters belonging to his collection at the San Fernando Royal Academy of Fine Arts in Madrid.

A 41-year-old restaurant owner from Dublin ousted 147 other gamblers over three days of play to win \$132,000 in an open poker game in Las Vegas. Lorenzo Fusco became the first non-American to win an event in the annual Grand Prix poker tournament at the Golden Nugget Casino, a week-long, 16-game competition. The Duchess of York, the wife of Britain's Prince Andrew, won her helicopter pilot's wings on Monday, fulfilling a wish made on the eve of her wedding last year.

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